

July 9, 2010

FRANCIS MELVIN INC.
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PO BOX 646
ABBOTSFORD WI 54405

Re: Description: SEWAGE TANKS, CONCRETE
Manufacturer: FRANCIS MELVIN INC.
Product Name: SEPTIC, HOLDING OR PUMP*
Model Number(s): 1500
(45.0 IN. L.L., 35.22 GAL/IN., 72 IN. MAX. DEPTH OF BURY, 759 G.P.D. WHEN USED AS
A SEPTIC TANK BASED ON A 3 YR. SERVICE INTERVAL FOR RESIDENTIAL
WASTEWATER; **TANK DIMENSIONS = 139 IN. L X 62 IN. W X 49 IN. H)**

Product File No: 20100293

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters Comm 82 through 84, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. **This approval is valid until the end of DECEMBER 2015.**

This approval is contingent upon compliance with the following stipulation(s):

- This product is approved to use the following:
 - Cast-A-Seal by Press Seal Gasket Corp. and A-Lok X-Cel by A-Lok Products, Inc.
 - Pipe materials constructed in conformance with Table 84.30-2 or 84.30-11, Wis. Admin. Code poured into tank cover, tank wall or access cover.
 - Department approved effluent filter installed in accordance with the product approval for the filter including a properly sized and located access opening for service and maintenance.
 - Two inch schedule 40 PVC cast in riser for electrical wiring.
 - Interior wall with minimum open area of 30 x 24 inches near bottom of wall for septic, holding and pump tanks.
 - Bottom and side pipe openings for pump and holding tanks.
- This tank must be designed to withstand the pressures to which it will be subjected.
- The manufacturer must keep at the manufacturing plant a set of plans and specifications bearing the department's stamp of approval. The plans and specifications must be open to inspection by an authorized representative of the department.
- When this product receives wastewater from dwellings and is used as a septic tank, it will produce an effluent quality with a maximum monthly average value for BOD5 of greater than 30 mg/L and less than or equal to 220 mg/L TSS, or greater than 30 mg/L or less than or equal to 150 mg/L TSS, and F.O.G. of less than 30 mg/L.
- Optional risers include: 24 in. diameter concrete riser, EZ Set plastic riser or Tuf-Tite plastic riser; concrete riser has 4 in. PVC schedule 40 coupling to connect to schedule 40 PVC pipe installed by plumber on the job site.
- Additional information is included as attachment(s) to this letter; see attachment A, B, C and D.

This approval supersedes the approval issued on 3/11/2009 under product file number 2005839.

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This approval letter shall be incorporated with your previously approved plans and/or specifications approved under product file number 20050839.

As of May 15, 2008, a copy of a successful water tightness test report for this product must be AVAILABLE FOR INSPECTION AT THE MANUFACTURER'S PLANT prior to this product being used as a POWTS holding or treatment tank in Wisconsin.

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

Jean M. MacCubbin, CST
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Commerce; Safety & Buildings Div.
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